

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): David M. Anderson, et al.

Confirmation No.:

Application No.:

Examiner:

Filing Date: herewith

Group Art Unit:

Title: SPECULATION COUNT IN A GENETIC ALGORITHM

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97 (c) together with either a:  
☐ Statement under 37 CFR 1.97(e), or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:  
☐ Statement under 37 CFR 1.97(e)(1) or (2), and  
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

- ☐ I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450. Date of Deposit: 1/21/04  
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- ☐ I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number \_\_\_\_\_ on \_\_\_\_\_  
Number of pages: \_\_\_\_\_

Typed Name: Lisa L. Pringle

Signature: Lisa L. Pringle

Respectfully submitted,

David M. Anderson, et al.

By Christopher P. Harris

Christopher P. Harris

Attorney/Agent for Applicant(s)

Reg. No. **43,660**

Date: **01/21/2004**

Telephone No.: **216-621-2234**

**PATENT APPLICATION**

Sheet 1 of 1

FORM PTO-1449

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

**200309413-1**

APPLICATION NO.

CONFIRMATION NO.

APPLICANT

**David M. Anderson, et al.**

FILING DATE

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GROUP

**REFERENCE DESIGNATION****U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	5,255,345	Oct. 19, 1993	Shaefer	
	1B	5,970,487	Oct. 19, 1999	Shackleford, et al.	
	1C	6,088,519	Jul. 11, 2000	Koford	
	1D	6,182,057 B1	Jan. 30, 2001	Kikuchi, et al.	
	1E	6,493,658 B1	Dec. 10, 2002	Koford, et al.	
	1F	6,557,145 B2	Apr. 29, 2003	Boyle, et al.	
	1G	6,578,176 B1	Jun. 10, 2003	Wang, et al.	
	1H				
	1I				
	1J				
	1K				

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

	1Q	Barry Shackleford, et al., SYNTHESIS OF MINIMUM-COST MULTILEVEL LOGIC NETWORKS VIA GENETIC ALGORITHM, Sasimi 2000, April 6-7, 2000
	1R	
	1S	

EXAMINER

DATE CONSIDERED